



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification 6 :  <b>C07J 71/00, A61K 31/58</b></p>	<p><b>A1</b></p>	<p>(11) International Publication Number: <b>WO 98/32763</b></p> <p>(43) International Publication Date: 30 July 1998 (30.07.98)</p>
<p>(21) International Application Number: <b>PCT/US98/01846</b></p> <p>(22) International Filing Date: 29 January 1998 (29.01.98)</p> <p>(30) Priority Data:  08/794,229 29 January 1997 (29.01.97) US</p> <p>(71) Applicant: <b>SRI INTERNATIONAL [US/US]; 333 Ravenswood Avenue, Menlo Park, CA 94025 (US).</b></p> <p>(72) Inventors: <b>TANABE, Masato; 972 Moreno, Palo Alto, CA 94303 (US). PETERS, Richard, H.; 365 Springpark Circle, San Jose, CA 95136 (US). CHAO, Wan-Ru; 1510 Oriole Avenue, Sunnyvale, CA 94087 (US). SHIGENO, Kazuhiko; 555 W. Middlefield Road H-205, Mountain View, CA 94043 (US).</b></p> <p>(74) Agents: <b>REED, Dianne, E.; Bozicevic &amp; Reed LLP, Suite 200, 285 Hamilton Avenue, Palo Alto, CA 94301 (US) et al.</b></p>	<p>(81) Designated States: <b>CA, JP, KR, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</b></p> <p><b>Published</b>  <i>With international search report.  Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>	
<p>(54) Title: <b>STEROID INHIBITORS OF ESTRONE SULFATASE, AND ASSOCIATED PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE</b></p> <p>(57) Abstract</p> <p>Novel compounds useful as inhibitors of estrone sulfatase are provided. The compounds have structural formula (I), wherein X and Y, or Y and Z, form an oxathiazine dioxide ring or a dihydro-oxathiazine dioxide ring, and the other various substituents are as defined herein. Also provided are pharmaceutical compositions and methods for using the compounds of formula (I) to inhibit the enzymatic activity of estrone sulfatase and to treat estrogen-dependent disorders.</p>		